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Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2010; month=3; day=10; hr=13; min=50; sec=15; ms=257;]

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Reviewer Comments:

<210> 43

<211> 4

<212> PRT

<213> Artificial

<220>

<223> An artificially synthesized peptide sequence

<400> 43

Gly Gly Gly Ser

Please insert a "1" directly under the "G" in "Gly", the first amino acid above. Per 1.822 of the Sequence Rules, please number the amino acids under every 5 amino acids, starting with "1". Same error in Sequence 44.

Application No: 10582654

Version No: 2.0

Input Set:

Output Set:

Started: 2010-02-26 14:18:24.970

Finished: 2010-02-26 14:18:27.110

Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 140 ms

Total Warnings: 53

Total Errors: 0

No. of SeqIDs Defined: 53

Actual SeqID Count: 53

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
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W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
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W 213	Artificial or Unknown found in <213> in SEQ ID (15)
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W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2010-02-26 14:18:24.970
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Total Warnings: 53
Total Errors: 0
No. of SeqIDs Defined: 53
Actual SeqID Count: 53

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Ono et al.

<120> Modified antibodies recognizing receptor trimers or higher multimers

<130> 75996-01

<140> 10582654

<141> 2010-02-26

<150> PCT/JP2004/018507

<151> 2004-12-10

<150> JP 2003-415735

<151> 2003-12-12

<160> 53

<170> PatentIn version 3.1

<210> 1

<211> 797

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized nucleotide sequence

<400> 1

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cgccaggctc caggggaagg gctggagtgg gtctcagcta ttagtggttag tggtagtagc	240
agatactacg cagactccgt gaagggccgg ttcaccatct ccagagacaa ttccaagaac	300
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg	360
aaagagagca gtggctggtt cggggccttt gactactggg gccagggaac cctggtcacc	420
gtctcctcag gtggagaaat tgtgctgact cagtctccag actttcagtc tgtgactcca	480
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taccagcaga aaccagatca gtctccaaag ctctcatca agtatgcttc ccagtccttc	600
tcaggggtcc cctcagaggt cagtggcagt ggatctggga cagatttcac cctcaccatc	660
aatagcctgg aagctgaaga tgctgcagcg tattactgtc atcagagtag tagtttaccg	720
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<210> 2

<211> 256

<212> PRT

<213> Artificial

<220>

<223> An artificially synthesized peptide sequence

<400> 2

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1 5 10 15

Val Gln Cys Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln
20 25 30

Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
35 40 45

Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
50 55 60

Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Gly Ser Arg Tyr Tyr Ala
65 70 75 80

Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn
85 90 95

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
100 105 110

Tyr Tyr Cys Ala Lys Glu Ser Ser Gly Trp Phe Gly Ala Phe Asp Tyr
115 120 125

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Gly Glu Ile Val
130 135 140

Leu Thr Gln Ser Pro Asp Phe Gln Ser Val Thr Pro Lys Glu Lys Val
145 150 155 160

Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Gly Ser Ser Leu His Trp
165 170 175

Tyr Gln Gln Lys Pro Asp Gln Ser Pro Lys Leu Leu Ile Lys Tyr Ala
180 185 190

Ser Gln Ser Phe Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser
195 200 205

Gly Thr Asp Phe Thr Leu Thr Ile Asn Ser Leu Glu Ala Glu Asp Ala
210 215 220

Ala Ala Tyr Tyr Cys His Gln Ser Ser Ser Leu Pro Ile Thr Phe Gly
225 230 235 240

Gln Gly Thr Arg Leu Glu Ile Lys Asp Tyr Lys Asp Asp Asp Asp Lys
245 250 255

<210> 3
<211> 794
<212> DNA
<213> Artificial

<220>
<223> An artificially synthesized nucleotide sequence

<400> 3
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ctgagactct cctgtgcagc ctctggattc accttttagca gctatgccat gagctgggtc 180
cgccaggctc caggggaaggg gctggagtgg gtctcagcta ttagtggttag tggtggtagc 240
agatactacg cagactccgt gaagggccgg ttcaccatct ccagagacaa ttccaagaac 300
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 360
aaagagagca gtggctggtt cggggccttt gactactggg gccagggaac cctggtcacc 420
gtctcctcag gtgaaattgt gctgactcag tctccagact ttcagtctgt gactccaaag 480
gagaaagtca ccatcacctg cggggccagt cagagcattg gtagtagctt aactggtac 540
cagcagaaac cagatcagtc tccaaagctc ctcatcaagt atgcttccca gtccttctca 600
gggggtcccct cgagggttcag tggcagtgga tctgggacag atttcaccct caccatcaat 660
agcctggaag ctgaagatgc tgcagcgtat tactgtcatc agagtagtag ttaccgatc 720
accttcggcc aagggaacg actggagatt aaagactaca aggatgacga cgataagtga 780
taagcggccg caat 794

<210> 4
<211> 255
<212> PRT
<213> Artificial

<220>
<223> An artificially synthesized peptide sequence

<400> 4
Met Glu Phe Gly Leu Ser Trp Leu Phe Leu Val Ala Ile Leu Lys Gly
1 5 10 15
Val Gln Cys Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln
20 25 30

Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
 35 40 45
 Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
 50 55 60
 Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Gly Ser Arg Tyr Tyr Ala
 65 70 75 80
 Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn
 85 90 95
 Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
 100 105 110
 Tyr Tyr Cys Ala Lys Glu Ser Ser Gly Trp Phe Gly Ala Phe Asp Tyr
 115 120 125
 Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Glu Ile Val Leu
 130 135 140
 Thr Gln Ser Pro Asp Phe Gln Ser Val Thr Pro Lys Glu Lys Val Thr
 145 150 155 160
 Ile Thr Cys Arg Ala Ser Gln Ser Ile Gly Ser Ser Leu His Trp Tyr
 165 170 175
 Gln Gln Lys Pro Asp Gln Ser Pro Lys Leu Leu Ile Lys Tyr Ala Ser
 180 185 190
 Gln Ser Phe Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly
 195 200 205
 Thr Asp Phe Thr Leu Thr Ile Asn Ser Leu Glu Ala Glu Asp Ala Ala
 210 215 220
 Ala Tyr Tyr Cys His Gln Ser Ser Ser Leu Pro Ile Thr Phe Gly Gln
 225 230 235 240
 Gly Thr Arg Leu Glu Ile Lys Asp Tyr Lys Asp Asp Asp Asp Lys
 245 250 255

<210> 5

<211> 791

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized nucleotide sequence

<400> 5

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ctgagactct cctgtgcagc ctctggattc accttttagca gctatgccat gagctgggtc 180

cgccaggctc caggggaaggg gctggagtgg gtctcagcta ttagtggttag tgggtggtagc 240
agatactacg cagactccgt gaagggccgg ttcaccatct ccagagacaa ttccaagaac 300
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 360
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cagaaaccag atcagtctcc aaagctcttc atcaagtatg ctccccagtc cttctcaggg 600
gtcccctcga ggttcagtgg cagtggatct gggacagatt tcaccctcac catcaatagc 660
ctggaagctg aagatgctgc agcgtattac tgtcatcaga gtagtagttt accgatcacc 720
ttcggccaag ggacacgact ggagattaaa gactacaagg atgacgacga taagtataa 780
gcggccgcaa t 791

<210> 6
<211> 254
<212> PRT
<213> Artificial

<220>
<223> An artificially synthesized peptide sequence

<400> 6
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1 5 10 15
Val Gln Cys Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln
20 25 30
Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
35 40 45
Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
50 55 60
Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Gly Ser Arg Tyr Tyr Ala
65 70 75 80
Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn
85 90 95
Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
100 105 110
Tyr Tyr Cys Ala Lys Glu Ser Ser Gly Trp Phe Gly Ala Phe Asp Tyr
115 120 125

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Glu Ile Val Leu Thr
130 135 140

Gln Ser Pro Asp Phe Gln Ser Val Thr Pro Lys Glu Lys Val Thr Ile
145 150 155 160

Thr Cys Arg Ala Ser Gln Ser Ile Gly Ser Ser Leu His Trp Tyr Gln
165 170 175

Gln Lys Pro Asp Gln Ser Pro Lys Leu Leu Ile Lys Tyr Ala Ser Gln
180 185 190

Ser Phe Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr
195 200 205

Asp Phe Thr Leu Thr Ile Asn Ser Leu Glu Ala Glu Asp Ala Ala Ala
210 215 220

Tyr Tyr Cys His Gln Ser Ser Ser Leu Pro Ile Thr Phe Gly Gln Gly
225 230 235 240

Thr Arg Leu Glu Ile Lys Asp Tyr Lys Asp Asp Asp Asp Lys
245 250

<210> 7

<211> 1538

<212> DNA

<213> Artificial

<220>

<223> An artificially synthesized nucleotide sequence

<400> 7

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ctgagactct cctgtgcagc ctctggattc accttagca gctatgccat gagctgggtc 180

cgccaggctc caggggaaggg gctggagtgg gtctcagcta ttagtggttag tggtagtagc 240

agatactacg cagactccgt gaagggccgg ttcaccatct ccagagacaa ttccaagaac 300

acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 360

aaagagagca gtggctgggt cggggccttt gactactggg gccagggaac cctggtcacc 420

gtctcctcag gtggaggcgg atcggaatt gtgctgactc agtctccaga ctttcagtct 480

gtgactccaa aggagaaagt caccatcacc tgccgggcca gtcagagcat tggtagtagc 540

ttacactggg accagcagaa accagatcag tctccaaagc tcctcatcaa gtatgcttcc 600

cagtccttct caggggtccc ctgagggttc agtggcagtg gatctgggac agatttcacc 660

ctcaccatca atagcctgga agctgaagat gctgcagcgt attactgtca tcagagtagt 720

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cctgggaggt cctgagact ctctgtgca gcctctggat tcaccttttag cagctatgcc    900
atgagctggg tccgccaggc tccagggaaag gggctggagt gggctctcage tattagtggg    960
agtggtggta gcagatacta cgcagactcc gtgaagggcc gggtcaccat ctccagagac   1020
aattccaaga acacgctgta tctgcaaagt aacagcctga gagccgagga cacggccgta   1080
tattactgtg cgaaagagag cagtggctgg ttcggggcct ttgactactg gggccaggga   1140
accctgggtca ccgtctcttc aggtggaggc ggatcggaat ttgtgctgac tcagtctcca   1200
gactttcagt ctgtgactcc aaaggagaaa gtcaccatca cctgccgggc cagtcagagc   1260
attggtagta gcttacactg gtaccagcag aaaccagatc agtctccaaa gctcctcatc   1320
aagtatgctt cccagtcctt ctcaggggtc ccctcgaggt tcagtggcag tggatctggg   1380
acagatttca cctcaccat caatagcctg gaagctgaag atgctgcage gtattactgt   1440
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<210> 8

<211> 503

<212> PRT

<213> Artificial

<220>

<223> An artificially synthesized peptide sequence

<400> 8

Met Glu Phe Gly Leu Ser Trp Leu Phe Leu Val Ala Ile Leu Lys Gly

1 5 10 15

Val Gln Cys Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln

20 25 30

Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe

35 40 45

Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu

50 55 60

Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Gly Ser Arg Tyr Tyr Ala

65 70 75 80

Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn

85 90 95

Thr	Leu	Tyr	Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Val	100	105	110
Tyr	Tyr	Cys	Ala	Lys	Glu	Ser	Ser	Gly	Trp	Phe	Gly	Ala	Phe	Asp	Tyr	115	120	125
Trp	Gly	Gln	Gly	Thr	Leu	Val	Thr	Val	Ser	Ser	Gly	Gly	Gly	Gly	Ser	130	135	140
Glu	Ile	Val	Leu	Thr	Gln	Ser	Pro	Asp	Phe	Gln	Ser	Val	Thr	Pro	Lys	145	150	155
Glu	Lys	Val	Thr	Ile	Thr	Cys	Arg	Ala	Ser	Gln	Ser	Ile	Gly	Ser	Ser	165	170	175
Leu	His	Trp	Tyr	Gln	Gln	Lys	Pro	Asp	Gln	Ser	Pro	Lys	Leu	Leu	Ile	180	185	190
Lys	Tyr	Ala	Ser	Gln	Ser	Phe	Ser	Gly	Val	Pro	Ser	Arg	Phe	Ser	Gly	195	200	205
Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr	Leu	Thr	Ile	Asn	Ser	Leu	Glu	Ala	210	215	220
Glu	Asp	Ala	Ala	Ala	Tyr	Tyr	Cys	His	Gln	Ser	Ser	Ser	Leu	Pro	Ile	225	230	235
Thr	Phe	Gly	Gln	Gly	Thr	Arg	Leu	Glu	Ile	Lys	Arg	Ala	Asp	Ala	Ala	245	250	255
Ala	Ala	Gly	Gly	Pro	Gly	Ser	Glu	Val	Gln	Leu	Leu	Glu	Ser	Gly	Gly	260	265	270
Gly	Leu	Val	Gln	Pro	Gly	Arg	Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	275	280	285
Gly	Phe	Thr	Phe	Ser	Ser	Tyr	Ala	Met	Ser	Trp	Val	Arg	Gln	Ala	Pro	290	295	300
Gly	Lys	Gly	Leu	Glu	Trp	Val	Ser	Ala	Ile	Ser	Gly	Ser	Gly	Gly	Ser	305	310	315
Arg	Tyr	Tyr	Ala	Asp	Ser	Val	Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	325	330	335
Asn	Ser	Lys	Asn	Thr	Leu	Tyr	Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	340	345	350
Asp	Thr	Ala	Val	Tyr	Tyr	Cys	Ala	Lys	Glu	Ser	Ser	Gly	Trp	Phe	Gly	355	360	365
Ala	Phe	Asp	Tyr	Trp	Gly	Gln	Gly	Thr	Leu	Val	Thr	Val	Ser	Ser	Gly	370	375	380
Gly	Gly	Gly	Ser	Glu	Ile	Val	Leu	Thr	Gln	Ser	Pro	Asp	Phe	Gln	Ser	385	390	395
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Val Thr Pro Lys Glu Lys Val Thr Ile Thr Cys Arg Ala Ser Gln Ser
405 410 415

Ile Gly Ser Ser Leu His Trp Tyr Gln Gln Lys Pro Asp Gln Ser Pro
420 425 430

Lys Leu Leu Ile Lys Tyr Ala Ser Gln Ser Phe Ser Gly Val Pro Ser
435 440 445

Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Asn
450 455 460

Ser Leu Glu Ala Glu Asp Ala Ala Ala Tyr Tyr Cys His Gln Ser Ser
465 470 475 480

Ser Leu Pro Ile Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Asp
485 490 495

Tyr Lys Asp Asp Asp Asp Lys
500

<210> 9
<211> 15
<212> DNA
<213> Artificial

<220>
<223> An artificial sequence encoding linker sequence

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ggtggaggcg gatcg

15

<210> 10
<211> 5
<212> PRT
<213> Artificial

<220>
<223> An artificially synthesized linker sequence

<400> 10
Gly Gly Gly Gly Ser
1 5

<210> 11
<211> 24
<212> DNA
<213> Artificial

<220>
<223> An artificial sequence encoding flag tag sequence

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